FIG. 1

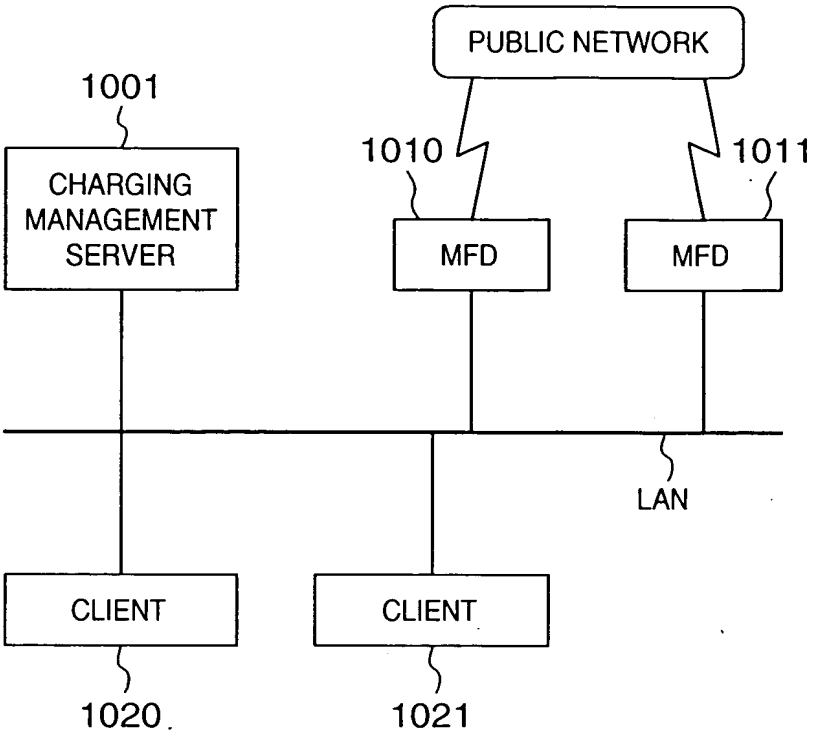

PUBLIC NETWORK
1001
1010
1011
CHARGING MANAGEMENT SERVER
MFD
MFD
LAN
CLIENT
CLIENT
1020
1021

FIG. 2

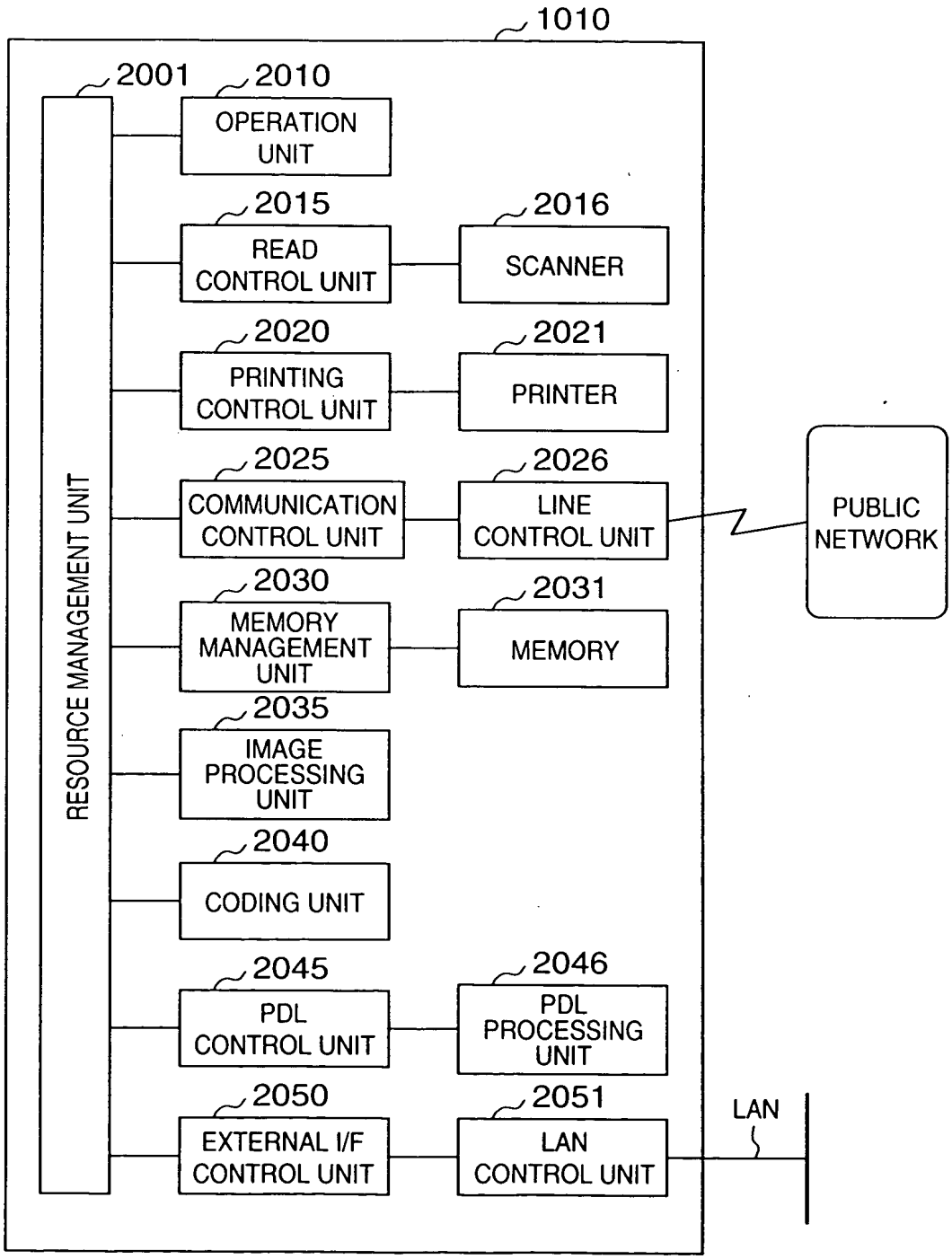

1010
2001
2010
OPERATION UNIT
2015
READ CONTROL UNIT
2016
SCANNER
2020
PRINTING CONTROL UNIT
2021
PRINTER
2025
COMMUNICATION CONTROL UNIT
2026
LINE CONTROL UNIT
PUBLIC NETWORK
2030
MEMORY MANAGEMENT UNIT
2031
MEMORY
2035
IMAGE PROCESSING UNIT
2040
CODING UNIT
2045
PDL CONTROL UNIT
2046
PDL PROCESSING UNIT
2050
EXTERNAL I/F CONTROL UNIT
2051
LAN CONTROL UNIT
LAN
RESOURCE MANAGEMENT UNIT

FIG. 3A

MEMORY BOX NUMBER	2101
USER	2102
SEP / SUB	2103
PWD	2104
ACCUMULATED DOCUMENT QUEUE	2105
ACCUMULATED DOCUMENT COUNT	2106
DOCUMENT TRANSFER SETTING	2107
DOCUMENT TRANSFER DESTINATION	2108
DOCUMENT TRANSFER START TIME	2109
DOCUMENT RECEPTION SETTING	2110
DOCUMENT PRINT PASSWORD	2111

FIG. 3B

DOCUMENT NUMBER	2201
NEXT DOCUMENT ADDRESS	2202
FIRST PAGE ADDRESS	2203
DOCUMENT PAGE COUNT	2204
DOCUMENT CREATION TIME	2205

FIG. 3C

PAGE NUMBER	2301
NEXT PAGE ADDRESS	2302
DATA SIZE	2303
IMAGE SIZE	2304
RESOLUTION	2305
ACTUAL DATA STORAGE ADDRESS	2306

FIG. 4

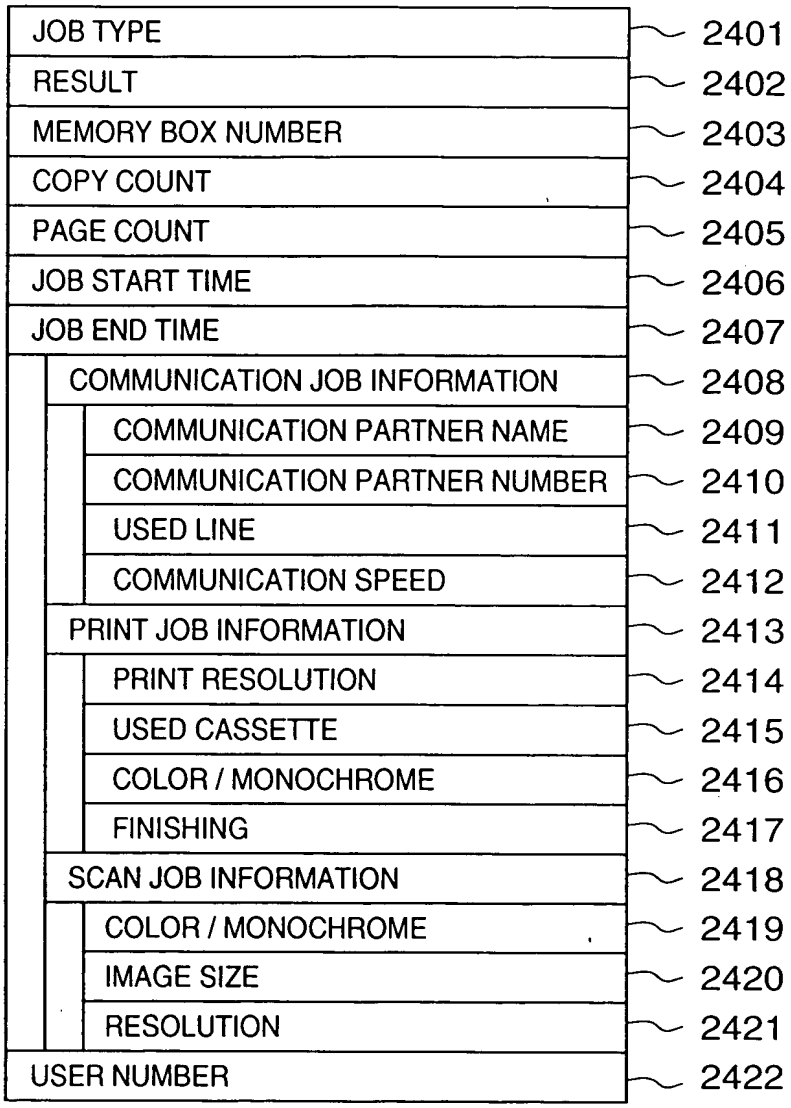

JOB TYPE
2401
RESULT
2402
MEMORY BOX NUMBER
2403
COPY COUNT
2404
PAGE COUNT
2405
JOB START TIME
2406
JOB END TIME
2407
COMMUNICATION JOB INFORMATION
2408
COMMUNICATION PARTNER NAME
2409
COMMUNICATION PARTNER NUMBER
2410
USED LINE
2411
COMMUNICATION SPEED
2412
PRINT JOB INFORMATION
2413
PRINT RESOLUTION
2414
USED CASSETTE
2415
COLOR / MONOCHROME
2416
FINISHING
2417
SCAN JOB INFORMATION
2418
COLOR / MONOCHROME
2419
IMAGE SIZE
2420
RESOLUTION
2421
USER NUMBER
2422

FIG. 5

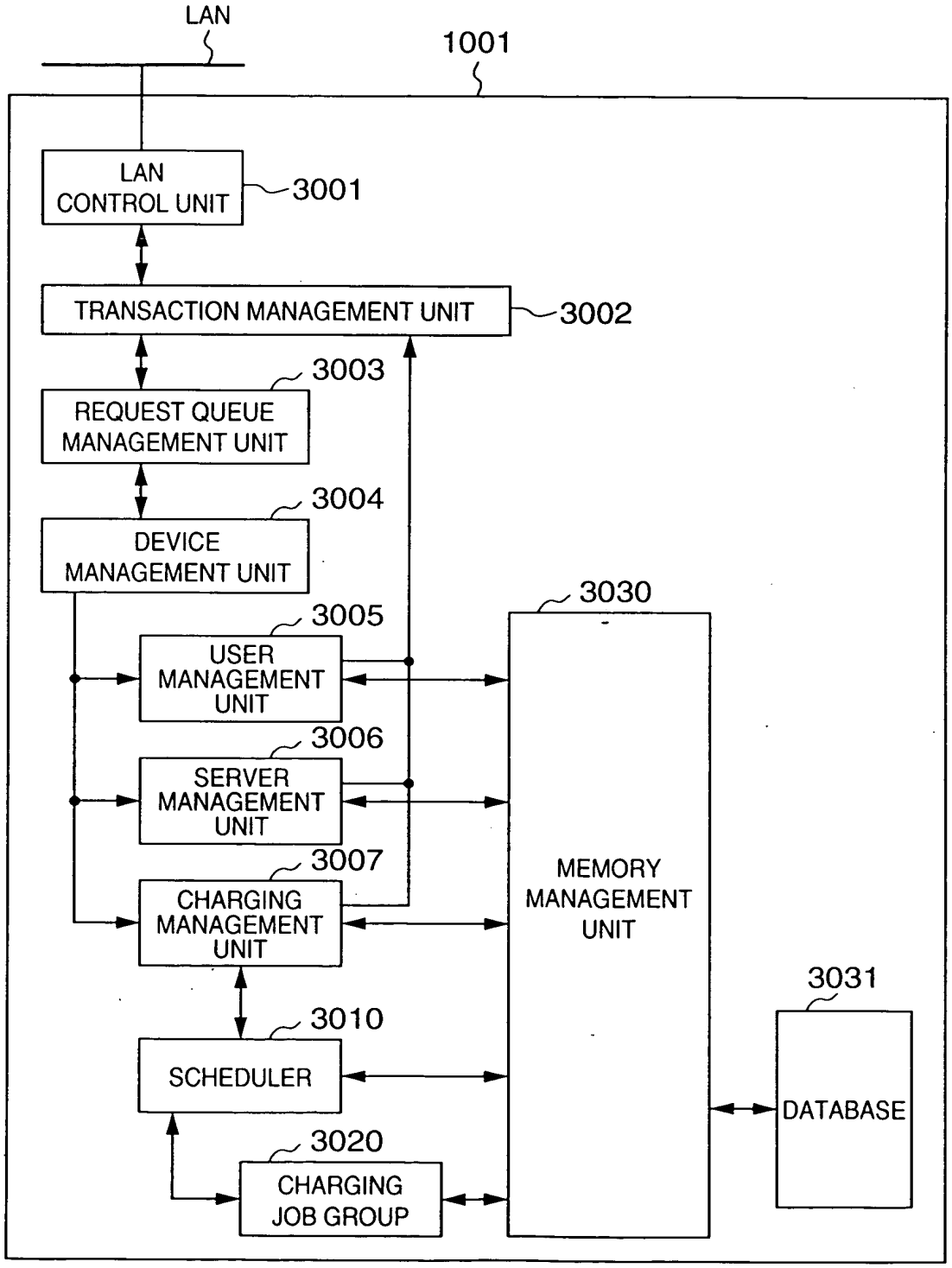

LAN
1001
LAN CONTROL UNIT
3001
TRANSACTION MANAGEMENT UNIT
3002
3003
REQUEST QUEUE MANAGEMENT UNIT
3004
DEVICE MANAGEMENT UNIT
3030
3005
USER MANAGEMENT UNIT
3006
SERVER MANAGEMENT UNIT
3007
CHARGING MANAGEMENT UNIT
MEMORY MANAGEMENT UNIT
3031
3010
SCHEDULER
DATABASE
3020
CHARGING JOB GROUP

FIG. 6

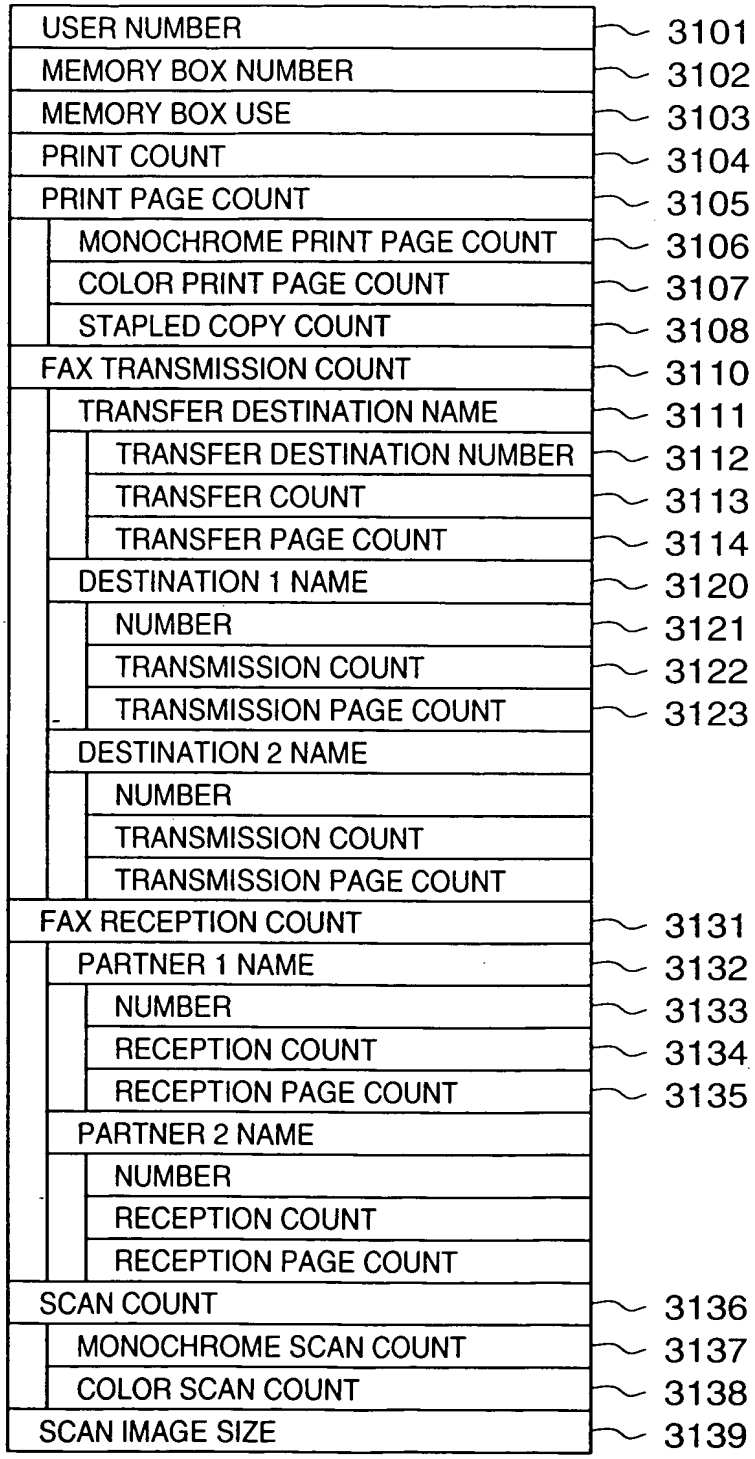

USER NUMBER
3101
MEMORY BOX NUMBER
3102
MEMORY BOX USE
3103
PRINT COUNT
3104
PRINT PAGE COUNT
3105
MONOCHROME PRINT PAGE COUNT
3106
COLOR PRINT PAGE COUNT
3107
STAPLED COPY COUNT
3108
FAX TRANSMISSION COUNT
3110
TRANSFER DESTINATION NAME
3111
TRANSFER DESTINATION NUMBER
3112
TRANSFER COUNT
3113
TRANSFER PAGE COUNT
3114
DESTINATION 1 NAME
3120
NUMBER
3121
TRANSMISSION COUNT
3122
TRANSMISSION PAGE COUNT
3123
DESTINATION 2 NAME
NUMBER
TRANSMISSION COUNT
TRANSMISSION PAGE COUNT
FAX RECEPTION COUNT
3131
PARTNER 1 NAME
3132
NUMBER
3133
RECEPTION COUNT
3134
RECEPTION PAGE COUNT
3135
PARTNER 2 NAME
NUMBER
RECEPTION COUNT
RECEPTION PAGE COUNT
SCAN COUNT
3136
MONOCHROME SCAN COUNT
3137
COLOR SCAN COUNT
3138
SCAN IMAGE SIZE
3139

FIG. 7

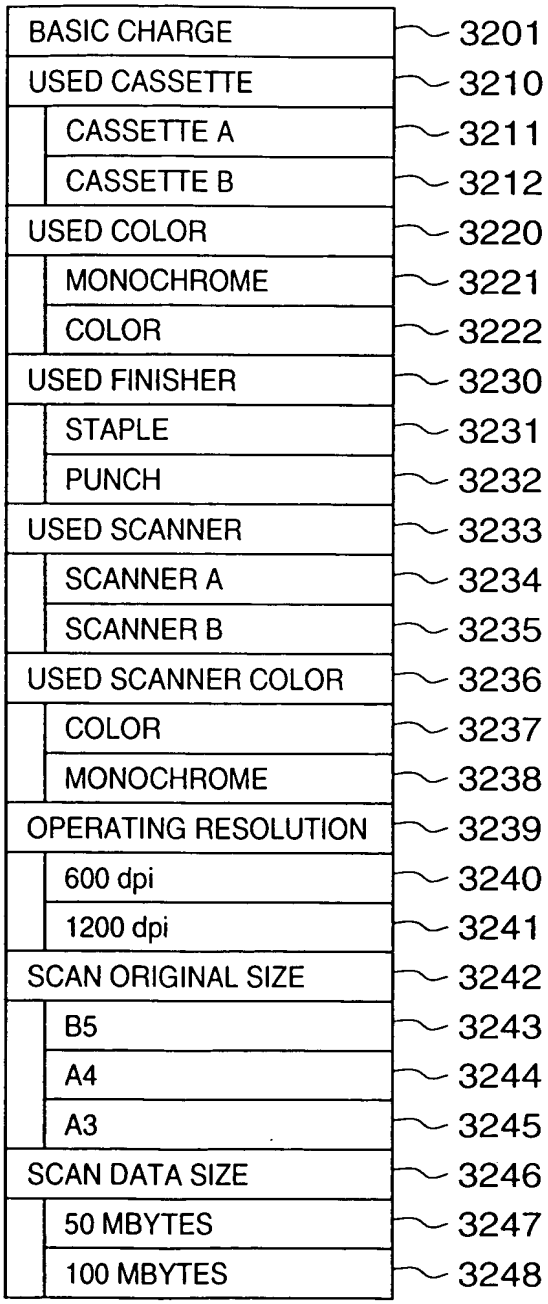

BASIC CHARGE
3201
USED CASSETTE
3210
CASSETTE A
3211
CASSETTE B
3212
USED COLOR
3220
MONOCHROME
3221
COLOR
3222
USED FINISHER
3230
STAPLE
3231
PUNCH
3232
USED SCANNER
3233
SCANNER A
3234
SCANNER B
3235
USED SCANNER COLOR
3236
COLOR
3237
MONOCHROME
3238
OPERATING RESOLUTION
3239
600 dpi
3240
1200 dpi
3241
SCAN ORIGINAL SIZE
3242
B5
3243
A4
3244
A3
3245
SCAN DATA SIZE
3246
50 MBYTES
3247
100 MBYTES
3248

FIG. 8

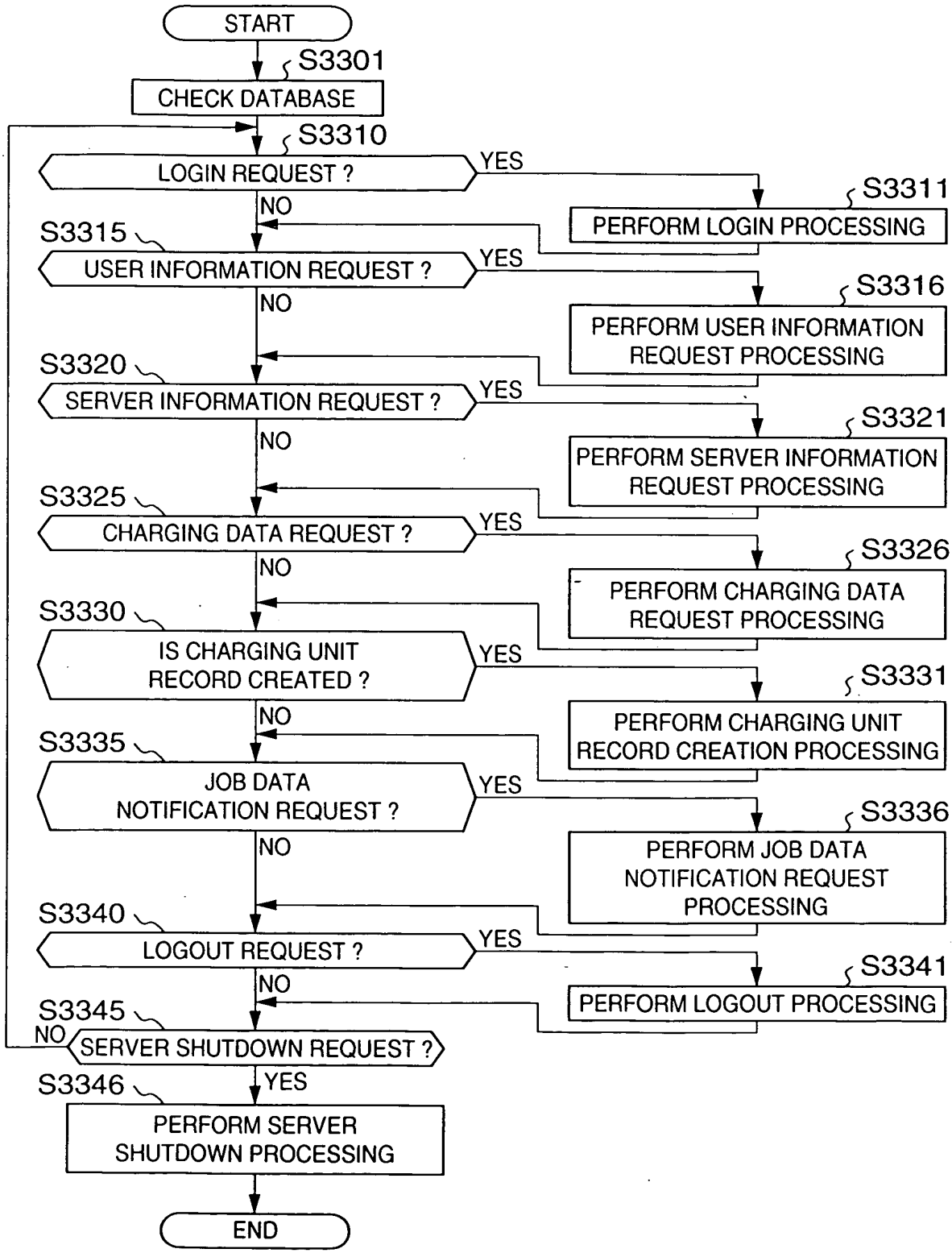
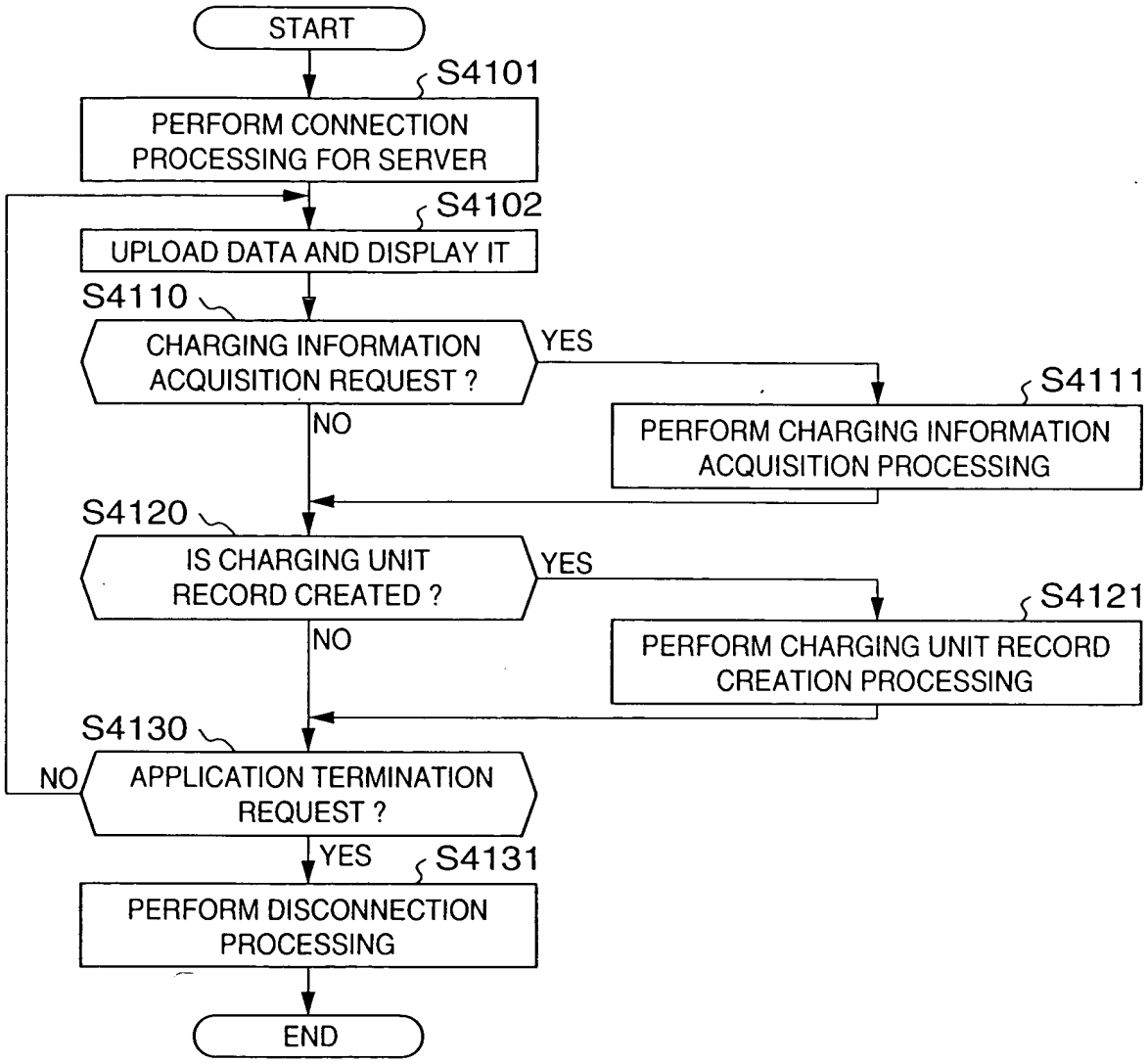

START
S3301
CHECK DATABASE
S3310
LOGIN REQUEST ?
YES
S3311
PERFORM LOGIN PROCESSING
NO
S3315
USER INFORMATION REQUEST ?
YES
S3316
PERFORM USER INFORMATION REQUEST PROCESSING
NO
S3320
SERVER INFORMATION REQUEST ?
YES
S3321
PERFORM SERVER INFORMATION REQUEST PROCESSING
NO
S3325
CHARGING DATA REQUEST ?
YES
S3326
PERFORM CHARGING DATA REQUEST PROCESSING
NO
S3330
IS CHARGING UNIT RECORD CREATED ?
YES
S3331
PERFORM CHARGING UNIT RECORD CREATION PROCESSING
NO
S3335
JOB DATA NOTIFICATION REQUEST ?
YES
S3336
PERFORM JOB DATA NOTIFICATION REQUEST PROCESSING
NO
S3340
LOGOUT REQUEST ?
YES
S3341
PERFORM LOGOUT PROCESSING
NO
S3345
NO
SERVER SHUTDOWN REQUEST ?
S3346
YES
PERFORM SERVER SHUTDOWN PROCESSING
END

FIG. 9


START
S4101
PERFORM CONNECTION PROCESSING FOR SERVER
S4102
UPLOAD DATA AND DISPLAY IT
S4110
CHARGING INFORMATION ACQUISITION REQUEST ?
YES
NO
S4111
PERFORM CHARGING INFORMATION ACQUISITION PROCESSING
S4120
IS CHARGING UNIT RECORD CREATED ?
YES
NO
S4121
PERFORM CHARGING UNIT RECORD CREATION PROCESSING
S4130
NO
APPLICATION TERMINATION REQUEST ?
YES
S4131
PERFORM DISCONNECTION PROCESSING
END